

Name: \_\_\_\_\_

**Principles of Heredity Wordsearch**

1. Gregor \_\_\_\_\_, the "father of genetics"
2. The first \_\_\_\_\_ generation is the offspring of a cross between parents that are pure for a given trait.
3. The principle of \_\_\_\_\_ and recessiveness.
4. The outward expression or appearance: \_\_\_\_\_
5. Cross that involves parents that differ in TWO traits.  
\_\_\_\_\_
6. The study of heredity: \_\_\_\_\_
7. An alternate form of a gene: \_\_\_\_\_
8. The Principle of \_\_\_\_\_ Assortment
9. Having non identical alleles (not pure; ex. Aa): \_\_\_\_\_
10. Having identical alleles (pure, ex. AA): \_\_\_\_\_
11. Square used to determine probability and results of cross \_\_\_\_\_
12. The allele that is masked or covered up by the dominant allele: \_\_\_\_\_
13. The genetic make-up or an organism (Tt): \_\_\_\_\_
14. A cross that involves ONE pair of contrasting traits: \_\_\_\_\_
15. The plants Mendel did his studies on: \_\_\_\_\_
16. The likelihood that an event will happen: \_\_\_\_\_
17. When neither allele is dominant (they are both expressed) \_\_\_\_\_
18. Principle of \_\_\_\_\_ states that alleles separate when gametes are formed.



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| S | M | D | H | N | Z | T | E | M | I | W | H | N | T | Y | J | S | U | P | M |
| C | I | O | Y | Y | O | N | D | T | A | E | P | A | F | T | U | W | I | I | G |
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| T | A | V | I | T | I | G | Y | E | T | E | V | I | S | S | E | C | E | R | V |
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| C | S | Y | J | D | F | U | V | A | I | Q | C | F | B | Q | P | G | M | A | W |